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September 1964

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PHOTOGRAPHIC INTERPRETATION REPORT

SELECTED MENSURAL DATA TYURATAM MISSILE TEST CENTER, USSR

Declass Review by NGA.



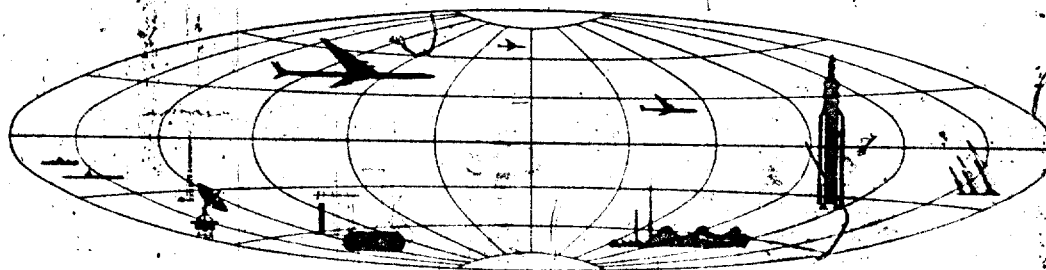
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PHOTOGRAPHIC INTERPRETATION REPORT

SELECTED MENSURAL DATA,
TYURATAM MISSILE TEST CENTER, USSR

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25

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Prepared in response to an NSA requirement, this report presents angular and distance data relative to the eight launch complexes identified at Tyuratam Missile Test Center (TTMTC) up to [redacted] and to certain near-range outstations of the Tyuratam Missile Test Range (TTMTR). Specifically, these data provide:

1. Distance and direction (azimuthal relationship) from Launch Complexes A through H to certain requested outstations (Figure 1 and Table 1). In addition, column 3 of Table 1 gives the vertical height above the launch pad necessary to establish line-of-sight contact with the specified outstation.
2. Distance and direction (azimuthal relationship) from Launch Complexes A through H to each other (Figure 2 and Table 2).
3. Distance and direction (azimuthal relationship*) from certain radomes at Launch Complex A and from a small unidentified facility at Launch Complex C to selected locations at Launch Complexes A through H (Tables 3 and 4, Figures 2, 3, and 5).

4. Distance and angular relationship between electronic facilities and launch positions at each of the eight launch complexes (Figures 3 to 10).

This information, self-contained and self-explanatory within its tabular and graphical format, is presented without further discussion beyond pointing out that the graphical material of Figures 3 through 10 is schematic and not representational as indicated by the omission of bar scales and north arrows, and that interior angles in these schematic diagrams may not always equal 180 degrees because of rounding to the nearest minute during machine calculations.

*These azimuths are accurate only within plus or minus 5 degrees.

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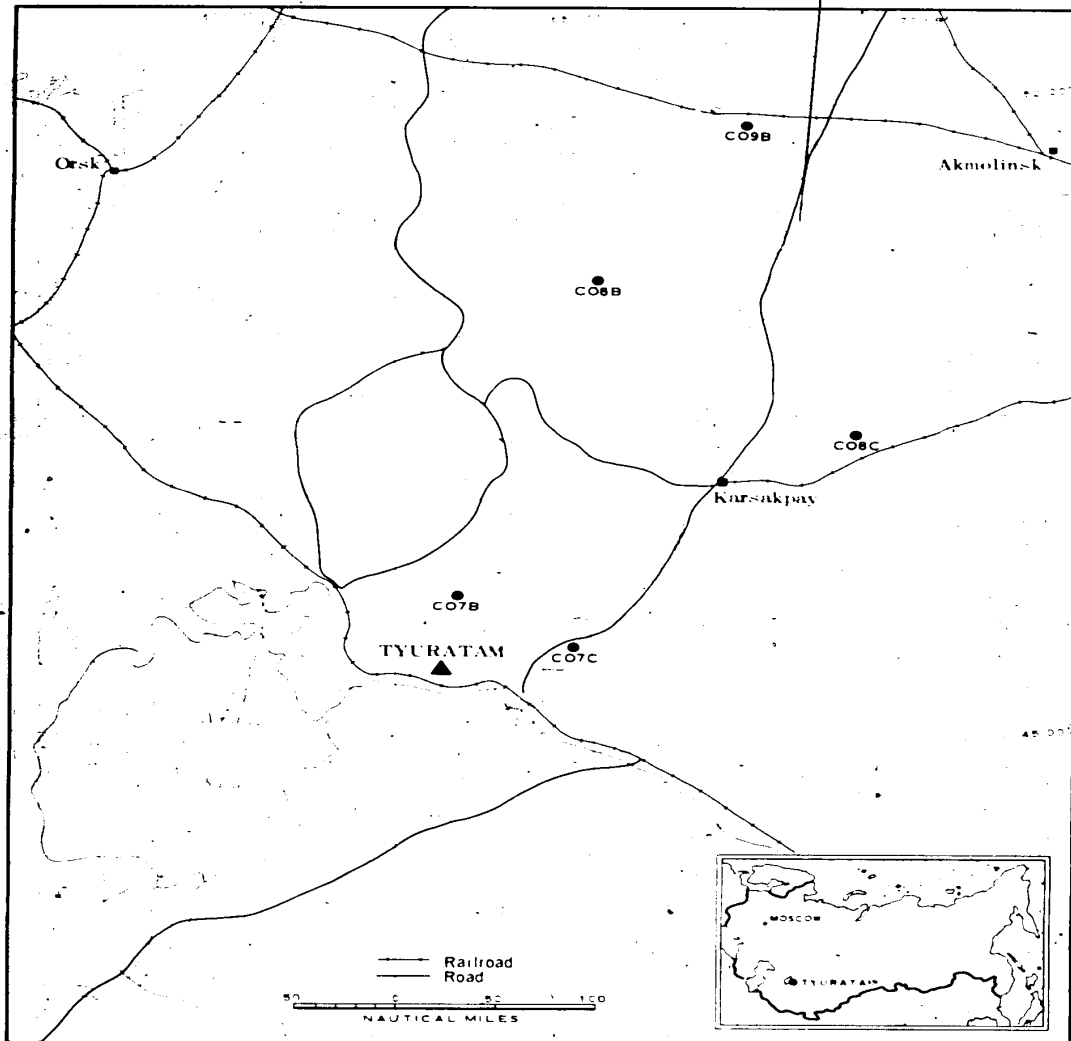


FIGURE 1. LOCATION OF SELECTED OUTSTATIONS, TTMR, USSR.

- 2 -

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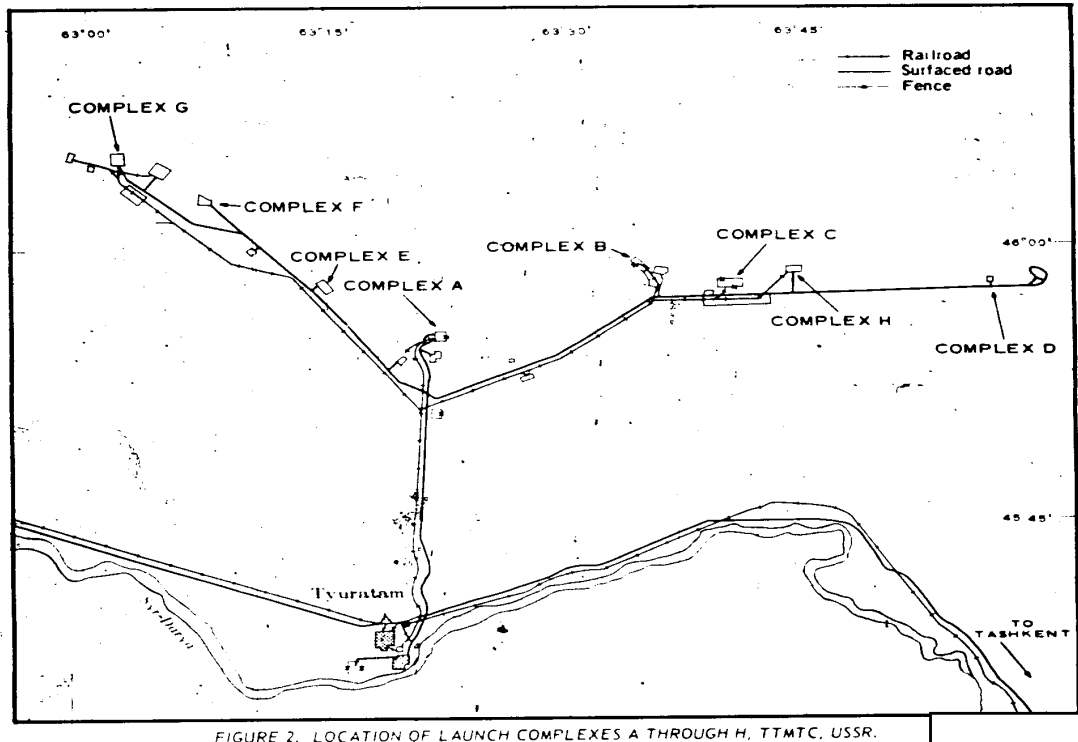


FIGURE 2. LOCATION OF LAUNCH COMPLEXES A THROUGH H, TTMC, USSR.

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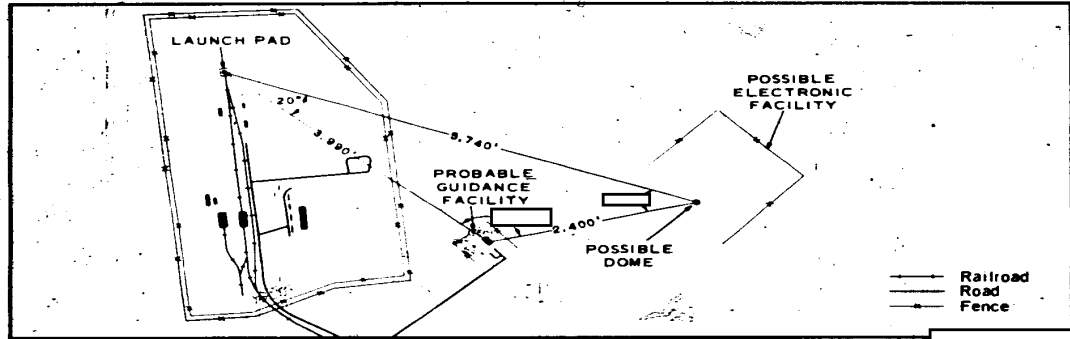


FIGURE 4. SCHEMATIC DIAGRAM SHOWING DISTANCES AND ANGULAR RELATIONSHIPS, LAUNCH COMPLEX B.

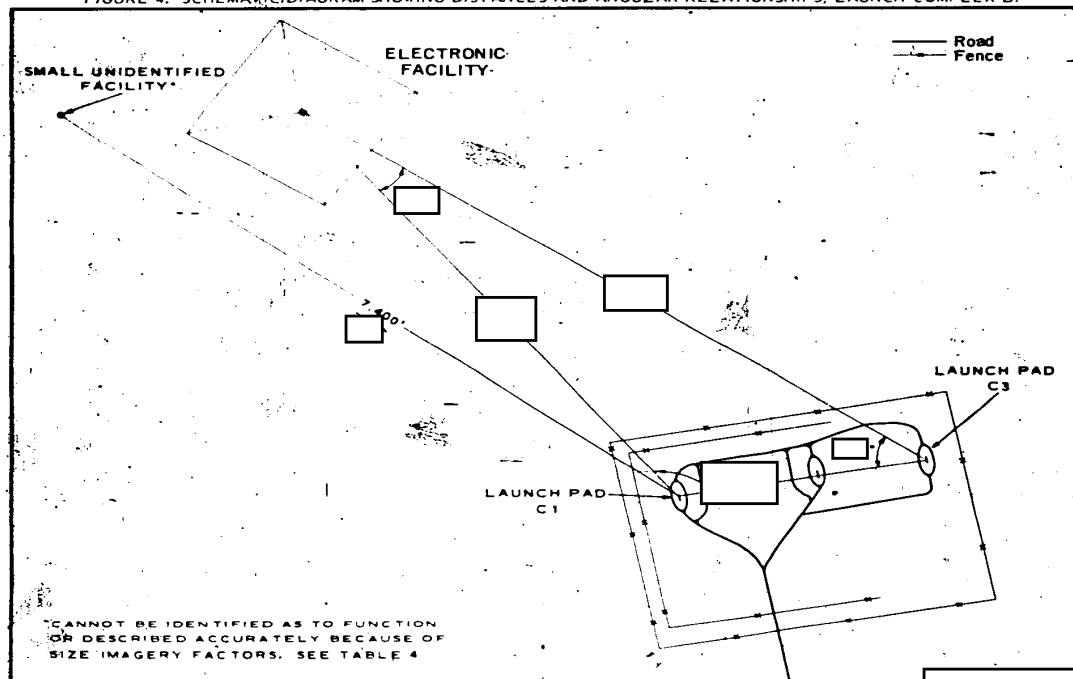


FIGURE 5. SCHEMATIC DIAGRAM SHOWING DISTANCES AND ANGULAR RELATIONSHIPS, LAUNCH COMPLEX C.

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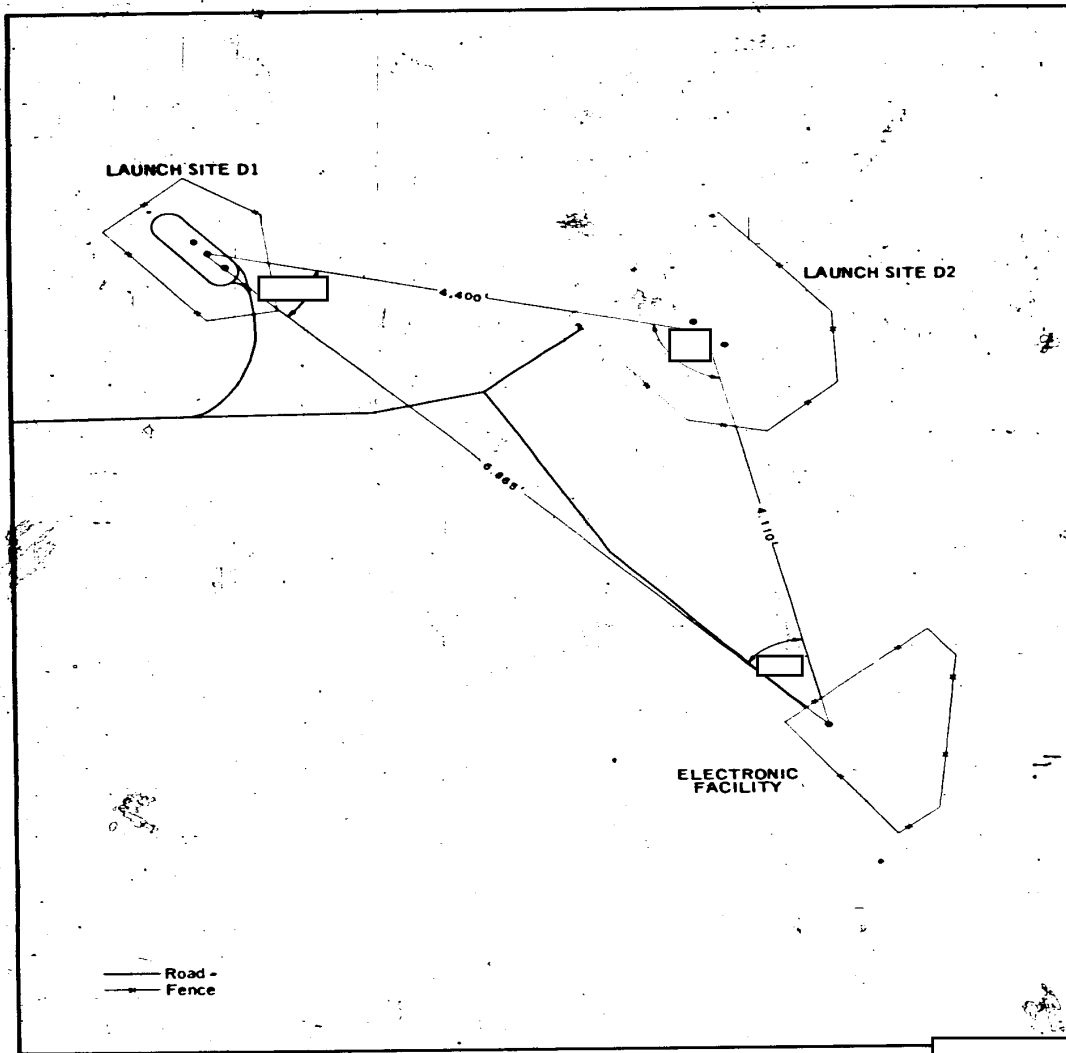


FIGURE 6. SCHEMATIC DIAGRAM SHOWING DISTANCES AND ANGULAR RELATIONSHIPS, LAUNCH COMPLEX D.

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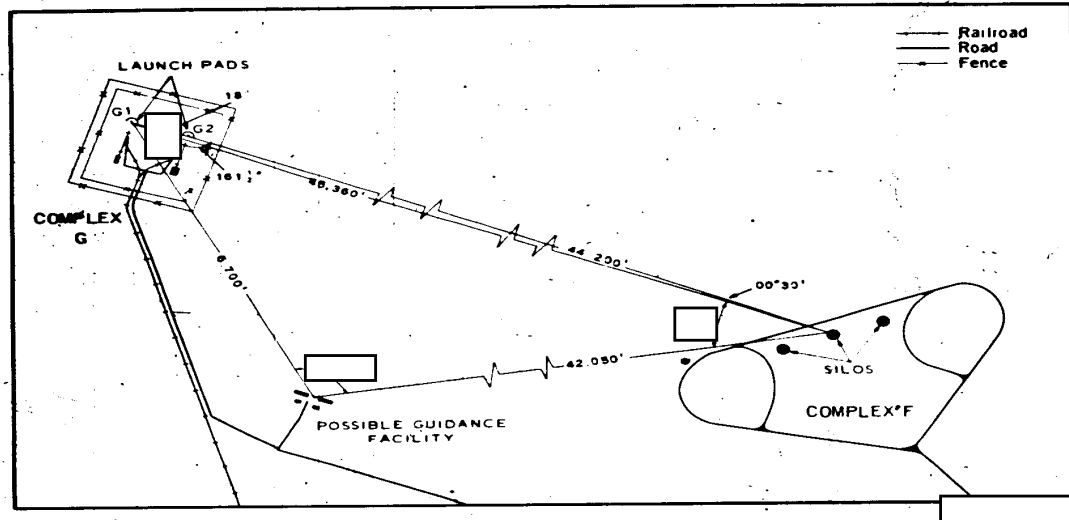


FIGURE 8. SCHEMATIC DIAGRAM SHOWING DISTANCES AND ANGULAR RELATIONSHIPS, LAUNCH COMPLEX F.

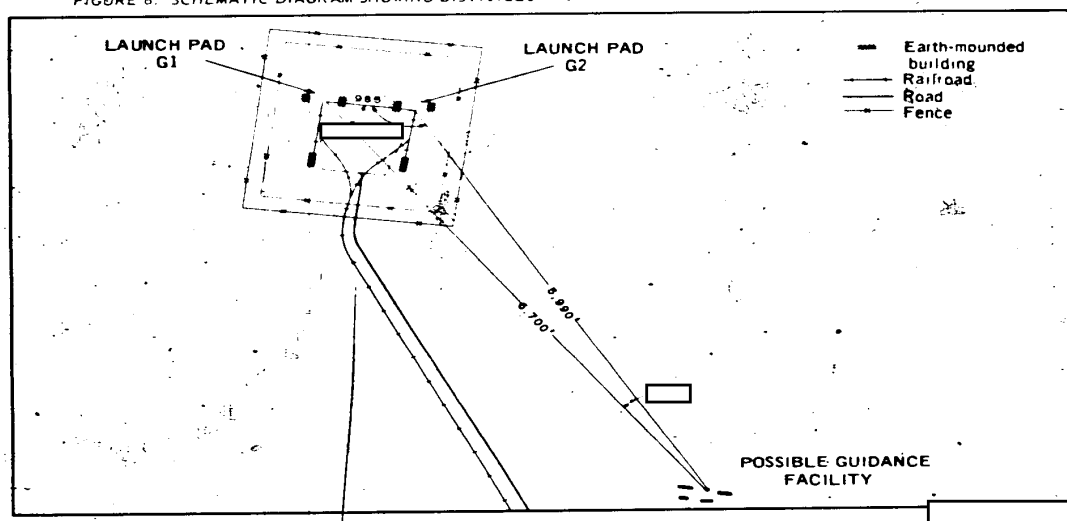


FIGURE 9. SCHEMATIC DIAGRAM SHOWING DISTANCES AND ANGULAR RELATIONSHIPS, LAUNCH COMPLEX G.

TOP SECRET

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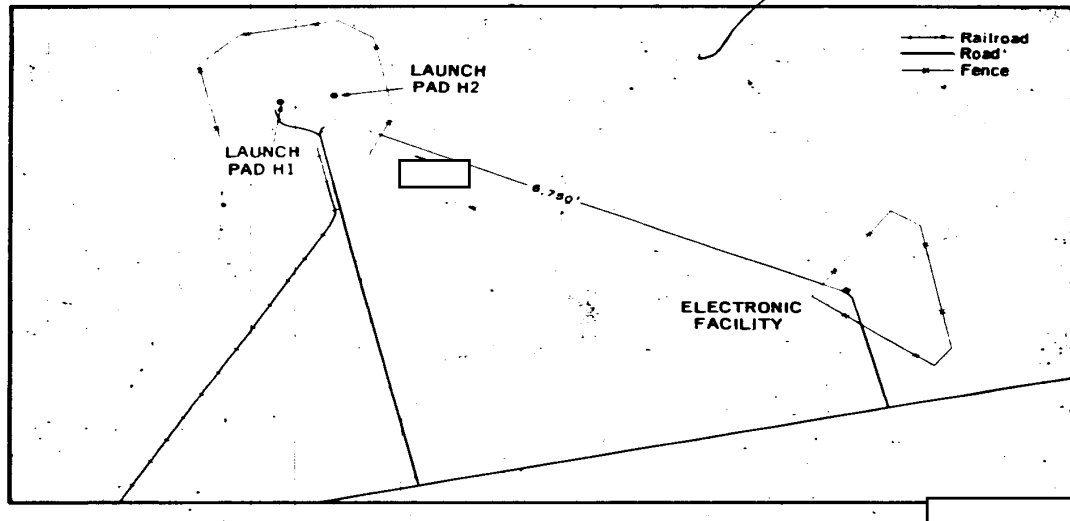


FIGURE 10. SCHEMATIC DIAGRAM SHOWING DISTANCE AND AZIMUTH, LAUNCH COMPLEX H.

REFERENCES

RELATED DOCUMENTS

Launch Complexes A and B:

NPIC, R-235/64, *Launch Complexes A and B, Tyuratam Missile Test Center, USSR*, Apr 64 (TOP SECRET)

Launch Complex C:

NPIC, R-204/63, *Launch Complexes C and H, Tyuratam Missile Test Center, USSR*, Aug 63 (TOP SECRET)

TOP SECRET

TOP SECRET

NPIC/R-807/64

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Launch Complex D:

NPIC. R-263 64, *Launch Complex D, Tyuratam Missile Test Center, USSR, Changes and Additions Between* May 64 (TOP SECRET)

Launch Complex E:

NPIC. R-315 63, *Launch Complexes A and E, Tyuratam Missile Test Center, Changes Since* Dec 63 (TOP SECRET)

Launch Complex F:

NPIC. R-172 63, *Launch Complexes D, E, and F, Tyuratam Missile Test Center, USSR, Aug 63* (TOP SECRET)

Launch Complex G:

SPIC. R-334 63, *Launch Complex G, Tyuratam Missile Test Center, USSR, Changes Since* Dec 63 (TOP SECRET)

Launch Complex H:

NPIC. R-145 64, *Launch Complex H, Tyuratam Missile Test Center, USSR, Changes* Feb 64 (TOP SECRET)

Outstations:

NPIC. R-65 64, *Selected Down-Range Instrumentation Sites of the Tyuratam Missile Test Range, USSR, Jan 64* (TOP SECRET)

REQUIREMENT

NSA. PO432 R38-64

NPIC PROJECT

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